NAS Status User Guide

Date: August 3, 2021



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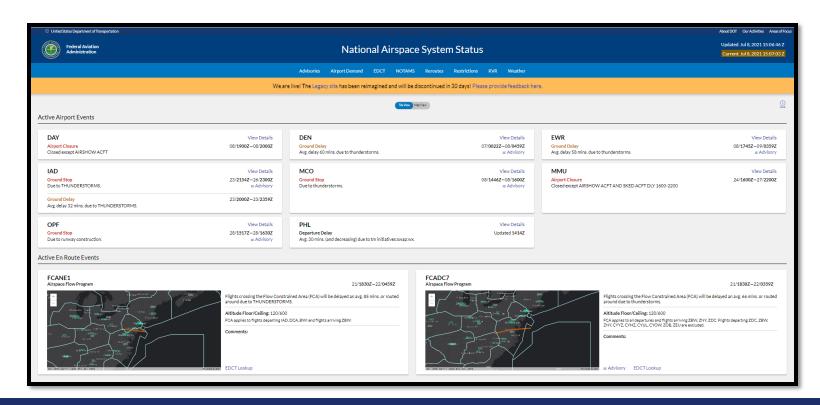
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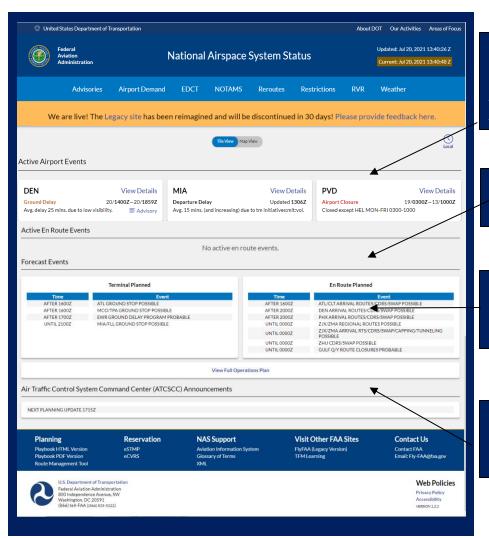
Overview

Public application that provides current and forecast information for traffic management initiatives. These initiatives include airport delays, airport closures, and airspace delays. Additionally, the application provides access to NOTAMS, weather and other related traffic products.





Overview



ACTIVE AIRPORT EVENTS

Displays current traffic management initiatives such as Airport Closures, Ground Stops, Ground Delay Programs, Arrival and Departure Delays, and Deicing.

Active En Route Events Section

Displays active airspace constraints

Forecast Events

Displays possible airport and airspace delays later in the day

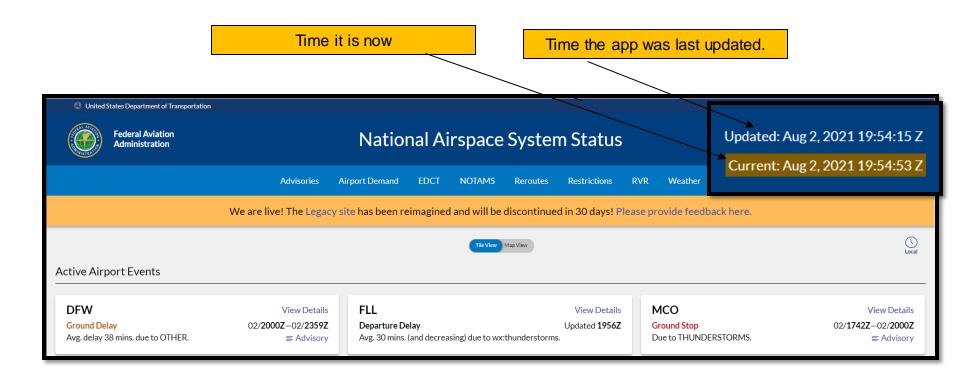
ATCSCC Announcements

Announcements posted by the Command Center such as planning updates and telecons



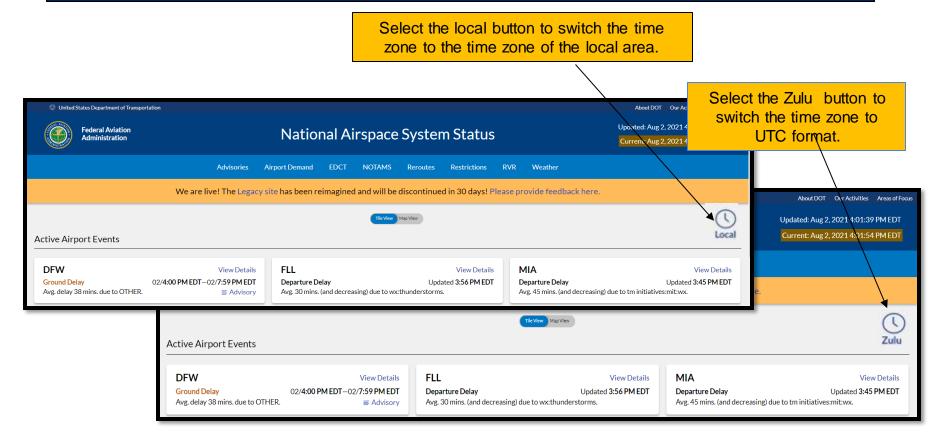
Header: Time

Two times are shown, the first is the time the site was updated and the second is the current time. Updates occur every minute.



Header: Local Time

Time is initially shown in Coordinated Universal time (UTC) in Zulu format. The option is available to show all times based on the time zone you are currently in.



Header Links

Airport Demand

Graphically depicts
Airport arrival demand
metrics for selected
airports grouped by
arrival, fix, alerts,
carrier, and center.

NOTAMS

Notice to Airmen (NOTAM)
Search for information
concerning the
establishment, condition or
change in any aeronautical
facility, service procedure or
hazard.

Current Restrictions

Lists active restrictions in the airspace and their associated advisories.

Aviation Weather Center

Provides resource for weather maps, METARs, and other forecast information.

National Airspace System Status

Advisories

Airport Demand

EDCT

NOTAMS

Reroutes

Restrictions

RVR

Weather

Advisories Database

Displays current and past US and Canadian Advisories (up to 15 days) as received from the facilities.

EDCT

Retrieves an Expected
Departure Clearance
Time (EDCT) has been
assigned to a flight.

Current Reroutes

Lists active reroutes in the airspace and their associated advisories.

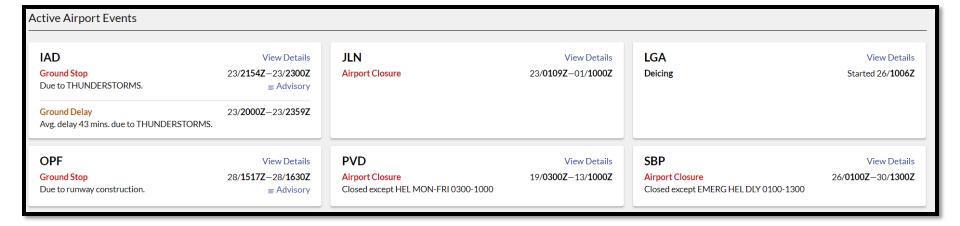
Runway Visual Range

Displays Runway
visibility, touchdown
points, and other
approach
configuration details
at selected airports



Active Airport Events

The Active Airport Events section displays real time data on Airport Closures, Ground Stops, Ground Delay Programs, Arrival and Departure Delays, and Deicing.



The airport events are listed in alphabetical order



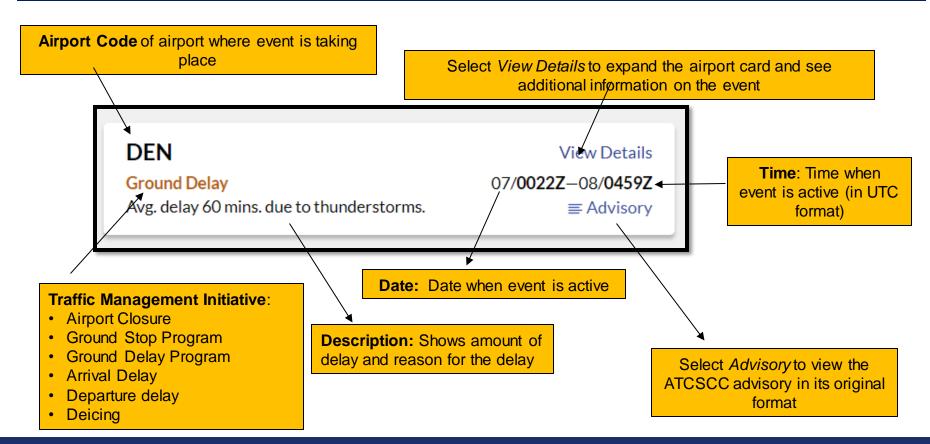
New or Updated Events

A "New" or "Updated" tag will be displayed when an event is added to the tile view or when the information associated with the event is updated. The updated information may not be visible on main tile view.



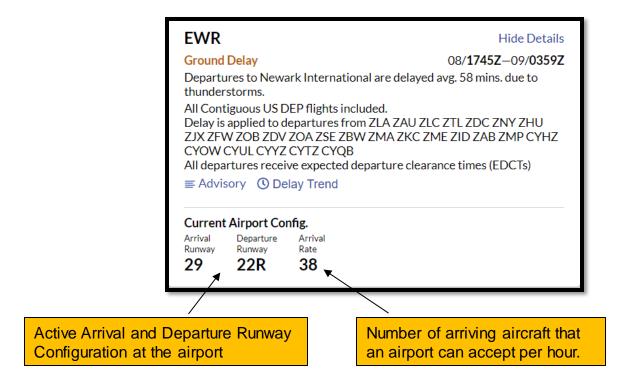
Active Airport Event Card

An Active Airport Event Card displays high-level information on the event that is taking place.



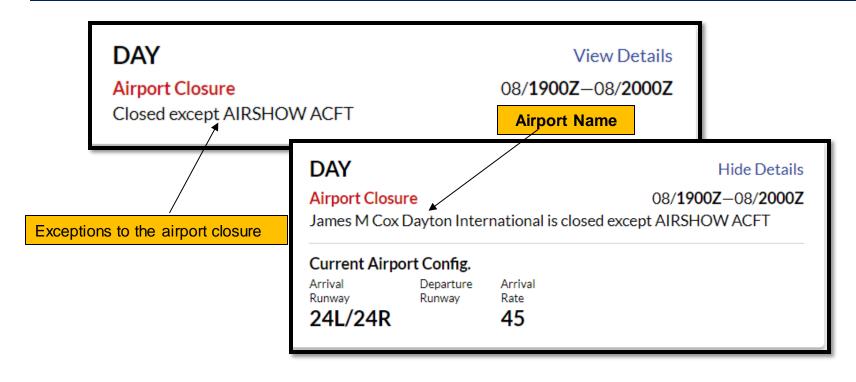
Airport Configuration

When *View Details* is selected for an airport event, the airport tile is expanded, additional details are shown for the event and the bottom section shows runway configuration and arrival rate for reporting facilities.



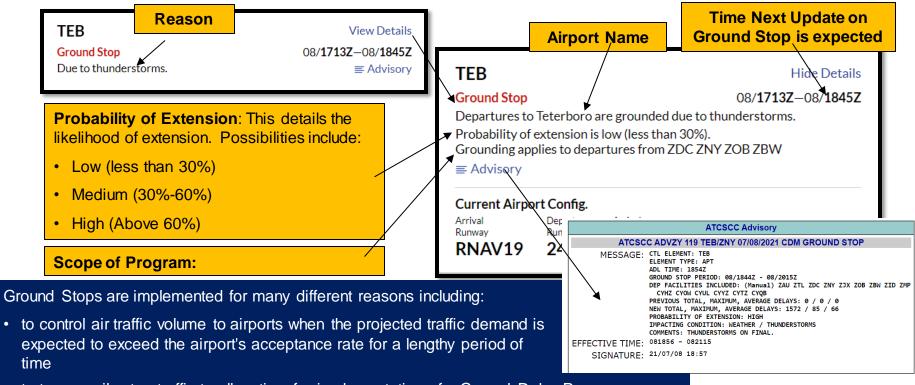
Active Airport Events: Airport Closures

An Airport Closure Event indicates that an airport has been closed for all operations by the local airport authority. However, an airport closure can include an exception that may permit operation of certain aircraft to the airport (ex: emergency, military) or require prior permission for operation. Users should view the NOTAM for additional details.



Active Airport Events: Ground Stop

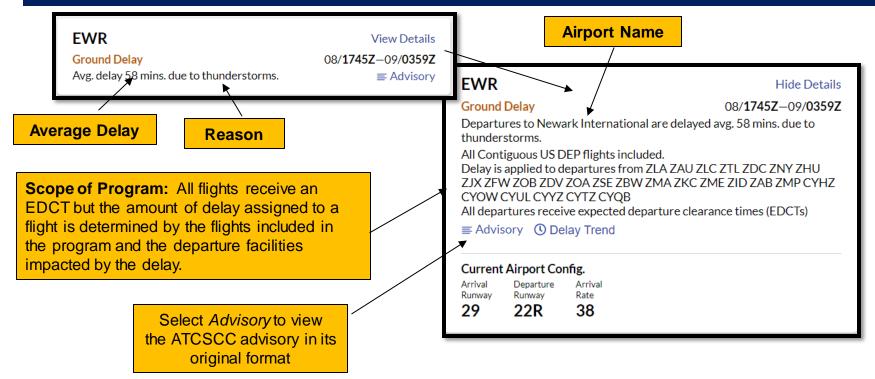
Ground Stops are implemented by the Air Traffic Control System Command Center (ATCSCC) in collaboration with affected FAA facilities and industry partners. Flights that are destined to the affected airport are held at their departure point for the duration of the Ground Stop.



- · to temporarily stop traffic to allow time for implementation of a Ground Delay Program, or
- when the airport is unable to accept any arrivals.

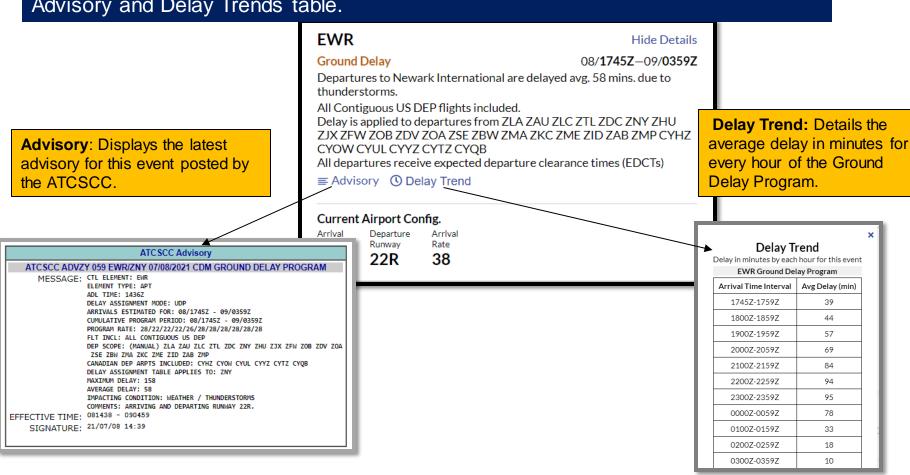
Active Airport Events: Ground Delay Program

A Ground Delay Program is implemented to control air traffic volume to airports where the projected traffic demand is expected to exceed the airport's acceptance rate for a lengthy period of time. When a Ground Delay Program is implemented by the Air Traffic System Command Control Center (ATCSCC) in collaboration with affected FAA facilities and industry partners, all traffic that is destined to that airport will be delayed at their departure point until the flights Expected Departure Clearance Time (EDCT).



Ground Delay Program: Advisory and Delay Trend

Additional information for the Ground Delay Program is available in the ATCSCC Advisory and Delay Trends table.



Active Airport Events: Departure Delay

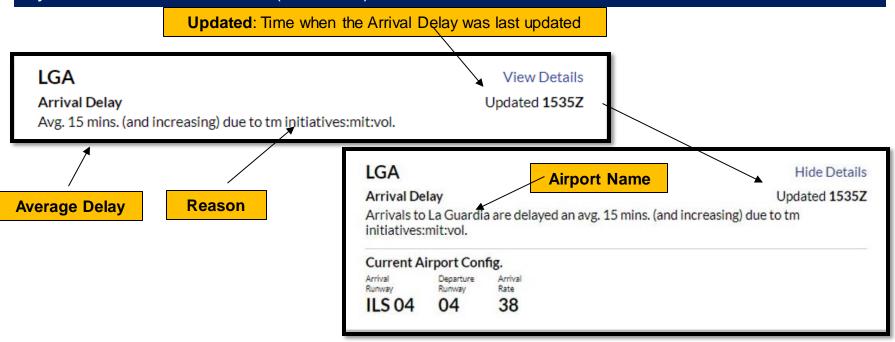
A Departure Delay Event indicates departing traffic will be experiencing longer than normal taxi times or holding at the gate. FAA facilities are required to report delays of 15 minutes or more to the Air Traffic Control System Command Center (ATCSCC).

Updated: Time when the Departure Delay was last updated **SFO** View Details Departure Delay Updated **1535Z Airport Name** Avg. 45 mins. (and decreasing) due to tm initiatives:mit:vol. **SFO Hide Details** Departure Delay Updated **1535Z Average Delay** Departures from San Francisco International are delayed Reason an avg. 45 mins. (and decreasing) due to tm initiatives:mit:vol. Delays are tracked in 15 minute increments and are annotated Current Airport Config. as increasing or decreasing. Because the delays are tracked in Arrival Departure Arrival 15 minute increments, a single delay entry actually represents a Runway Runway Rate time range. For example, an entry of 15 minutes and increasing 01L/01R 30 28L indicates that delays are greater than 15 minutes but less than 30 minutes and are increasing. An entry of 30 minutes and decreasing indicates that delays are less than 30 minutes but

greater than 15 minutes and are decreasing.

Active Airport Events: Arrival Delay

An Arrival Delay Event indicates arriving aircraft will be delayed with airborne holding. FAA facilities are required to report delays of 15 minutes or more to the Air Traffic Control System Command Center (ATCSCC).



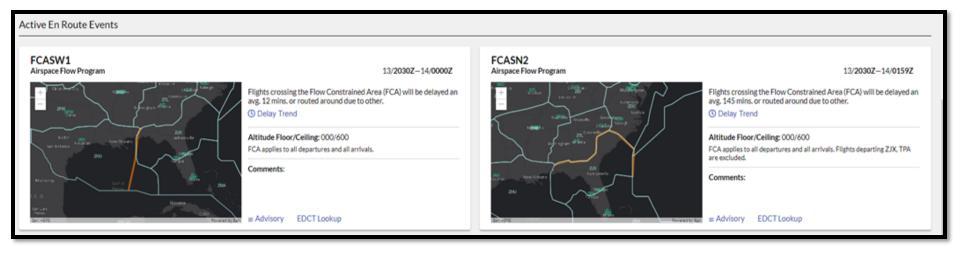
Delays are tracked in 15 minute increments and are annotated as increasing or decreasing. Because the delays are tracked in 15 minute increments, a single delay entry actually represents a time range. For example, an entry of 15 minutes and increasing indicates that delays are greater than 15 minutes but less than 30 minutes and are increasing. An entry of 30 minutes and decreasing indicates that delays are less than 30 minutes but greater than 15 minutes and are decreasing.

Active Airport Events: Deicing

A Deicing Event indicates the Airport has implemented a formal deicing program to remove snow and ice from departing aircraft. The Air Traffic Control System Command Center (ATCSCC) monitors airports that have implemented deicing, to ensure that once an aircraft is deiced, it is not subject to additional delay from traffic management initiatives. **Date/time Deicing was initiated** LGA View Details Started 26/1006Z Deicing **Airport Name LGA** Hide Details Deicing Started 26/1006Z Aircraft departing from La Guardia are being sprayed with deicing fluid to remove snow and ice. Current Airport Config. Arrival Departure Arrival Runway Runway Rate ILS/LDA 22 31 40

Active En Route Events

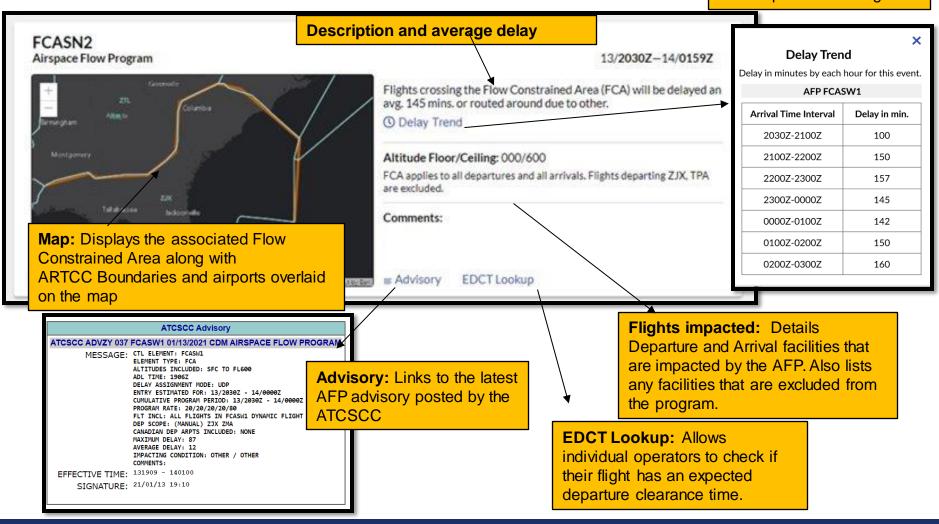
The Active En Route Events Section displays ongoing Airspace Flow Programs (AFP), that represent active airspace constraints with possible delays and reroutes of flights crossing the area.



An AFP is a traffic management initiative that identifies constraints in the en route system, develops a real time list of flights that will fly into the flow constrained area, and distributes expected departure clearance times (EDCT) to control the demand through the area. If an AFP is issued and a flight is included, the pilot will receive an EDCT. Meeting the EDCT is important because it allows traffic managers to regulate the number of flights crossing through the constrained area.

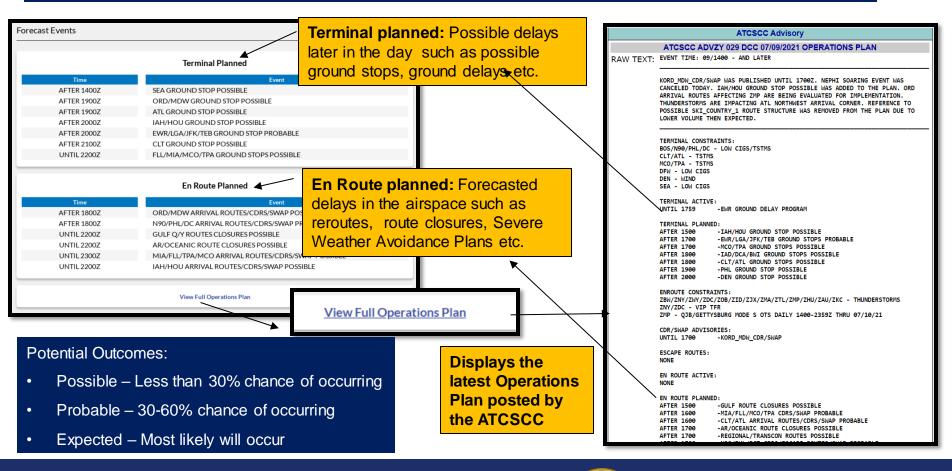
Active En Route Events

Delay Trend: Details the average delay in minutes for every hour of the Airspace Flow Program



Forecast Events

The Forecast Events section shows possible airport and airspace delays later in the day that are listed in the Operations Plan advisory posted by the ATCSCC.



Footer Links

Planning: Includes links to the National Playbook to access predefined routes for planning along with a database of coded and preferred routes for Route Management NAS Support: Contains links to the subscription of operating status at major airports, glossary of terms on the website, and the site's XML page to view airport and en route events in XML format

Contact Us: Link to Contact the FAA

Planning

Playbook HTML Version Playbook PDF Version Route Management Tool Reservation

eSTMP eCVRS **NAS Support**

Aviation Information System Glossary of Terms XML **Visit Other FAA Sites**

FlyFAA (Legacy Version)
TFM Learning

Contact Us

Contact FAA Email: Fly-FAA@faa.gov

Reservation: Websites for reservation and management of arrival and departure slots at high density airports and airports with special events

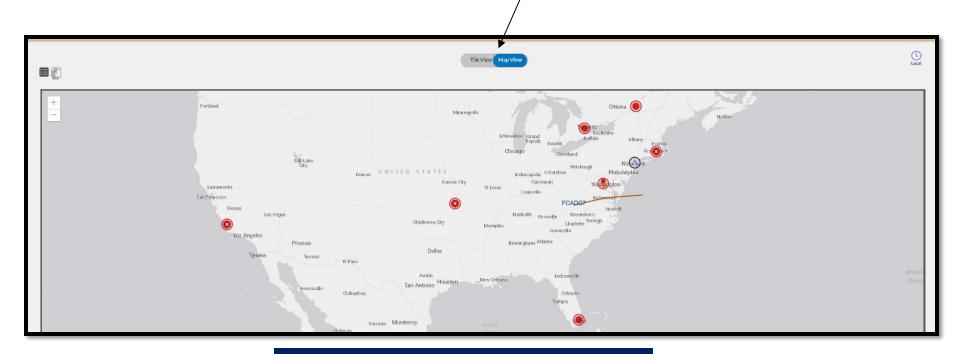
Visit Other FAA Sites: Links to Legacy fly.faa.gov map page and Traffic Flow Management Learning center that includes resources for traffic management guidelines, training and support. **Email**

Used to provide feedback including problems, suggestions, or user experience on the app

(Email: fly-faa@faa.gov)

Map View

The application also features a map view. Users can toggle from the tile view to map view for a pictorial representation of the Active Airport Events and Active En Route Events

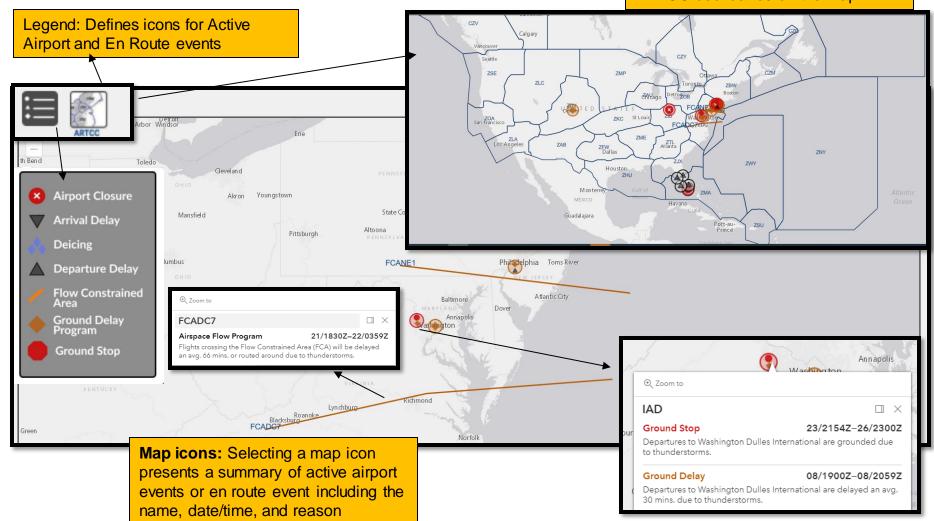


The map view updates every minute.



Map View Features

US Map: Button to overlay the ARTCC boundaries on the map



NAS Status XML Page

Active Airport and Active En Route Events are available in a machine readable format, extensible markup language (XML). A link to this page is provided in the Footer link

Planning

Playbook HTML Version Playbook PDF Version Route Management Tool

Reservation

eSTMP eCVRS

NAS Support

Aviation Information System Glossary of Terms XML

Visit Other FAA Sites

FlyFAA (Legacy Version) TFM Learning

Contact Us

Contact FAA Email: Fly-FAA@faa.gov

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Feedback

We hope you are enjoying our new product!

Any questions, comments, concerns, or details on your user experience are appreciated. To provide feedback, either:

- Complete the survey by selecting the link in application banner or
- Email us at <u>fly-FAA@faa.gov</u>